2021 CERTIFICATION

Consumer Confidence Report (CCR)

2022 AUG 16 AMIO: 13

Poplar Springs Water Association

PRINT Public Water System Name

0070016 # 007002 4

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION /	Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publica		DATE ISSUED
☐ Advertisement in local paper (Attach copy of advertisement)	and the same of th	DATE 1000ED
□ On water bill (Attach copy of bill)		
□ Email message (Email the message to the address below)		
□ Other (Describe:		
)	
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Published in local newspaper (attach copy of published CCR	or proof of publication)	6-8-22
□ Posted in public places (attach list of locations or list here)		
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I hereby certify that the Consumer Confidence Report (CCR) has the appropriate distribution method(s) based on population serve is correct and consistent with the water quality monitoring data for of Federal Regulations (CFR) Title 40, Part 141.151 – 155. Dalene Hadle. Name	ed. Furthermore, I certify that the information o	contained in the report
SURMISSION OPTION	IS (Select one method ONLY)	Duto
You must email or mail a copy of the CCR, Certific		ery method(s) to
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	Email: water.reports@msdh.ms.g	<u>ov</u>

2021 Annual Drinking Water Quality Report Poplar Springs Water Association PWS#: 070016 & 070024 May 2022

RECEIVED MSDH-WATER SUPPLY

2022 MAY 24 AM 8: 45

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Our water source is from wells drawing from the Gordo Formation Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Poplar Springs Water Association have received lower susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Charles Mahan at 662.983.0931. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the meeting scheduled for August 23, 2022 at 7:00 PM at the Vardaman Community Center.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PWS ID#0	070016			TEST RESUL	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

8. Arsenic	N	2020*	2.3	1.7 – 2.3	ppb		n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2020*	.0339	.03330339	ppm		2	2	 Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2020*	1,2	1.1 – 1.2	ppb		100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20*	0	0	ppm		1.3	AL=1.3	B Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2020*	.5	.49 – .5	ppm		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	0	0	ppb		0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2020*	5.2	4.6 – 5.2	ppb		50	50	Discharge from petroleum and metal refineries; erosion of natura deposits; discharge from mines
Sodium	N	2021	129	No Range	ppm		20	(Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
22. Thallium	N	2020*	.6	No Range	ppb		0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
Disinfection	n By-	Products							
82. TTHM [Total trihalomethanes]	N	2021	2.07	No Range	ppb	0			By-product of drinking water chlorination.
Chlorine	N	2021	.6	.57	ppm	0	MDF		Nater additive used to control

7/

PWS ID #0	0070024		•	TEST RESUL	TS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic (Contam	inants						
8. Arsenic	N	2020*	1.7	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2020*	0.336	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2020*	1.3	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2020*	.506	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2020*	5	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Sodium	N	2021	188	No Range	ppm		20	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
22. Thallium	N	2020*	.6	No Range	ppb		0.5	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
Disinfect	ion By-	Product	ts					
81. HAA5	N	2021	16.6	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2021	.6	.4 – .9	ppm	0	MDRL = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2021.

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Poplar Springs Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Proof Of Publication

STATE OF MISSISSIPPI, COUNTY OF CALHOUN

Personally came before me, the undersigned, a Notary Public, in and for Calhoun County, Mississippi, Joel McNeece, Publisher of The Calhoun County Journal, a newspaper published in Bruce, Calhoun County, in said state, who being duly sworn, deposes and says that The Calhoun County Journal is a newspaper as defined and prescribed in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1858 of the Mississippi Code of 1942, and the publication of a notice, of which annexed copy, in the matter of

POPLAR SPRINGS WATER ASSN. WATER QUALITY REPORT

has been made in said newspaper one time, towit:

On the 8 day of JUNE 2022

Joel McNeece Publisher

Sworn to and subscribed before me, this 8 day of June, 2022.

Celia D. Hillhouse, Notary Public

My commission expires February 18, 2023

SEAL



2021 Annual Drinking Water Quality Report Poplar Springs Water Association PWS# 070016 & 070024

We've pleased to present to you this year's Annual Quality Water Report. This report is designed to obtain you about the quality will and services with deliver to you every day. Our constant gool is to provide you with a safe and depended is useful of circles you and you to understand the efforts we make to continually improve the worlder readment process and product our value resources. Virginia you to understand the efforts our water resources.

Our water source is from wells drawing from the Gordo Formation Aquillar. The source water assessment has been completed for or public water system to determine the overall susceptibility of its densiting water supply to identified potential sources of certainmation report condaming detailed information on how the susceptibility determination were made has been furnished to our public with system and is available for working upon request. The weeks for the Poplar Springs Water Association have received lover succeptibility.

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PWS ID#0	070016			TEST RESUL	TS			
Contaminant	Vialation Y/N	Data Collected	Level Detected	Range of Detects of # of Samples Exceeding	Unit Measure intent	MCLG	MCL	Likely Source of Contamination

Inorganic Contaminants

					ppm		327(2	systems, erosion of natural deposits, leaching from wood preservatives
16 Fluonds	N	2020*	*	40 - 3	ррт			Erosion of natural deposits water additive which promotes strong teeth, discharge from fertifizer and aluminum factories.
17 Lead	N	2018/20		0	ррь		AL=15	Corresion of household plumbing typisms, erobor of natural the series
21 Selenium	N	2020*	52	48-92	ppb	60		Decharge from petroleum and motel refineres, erosion of natural deposits discharge from mises
Sodium	N	1021	129	No Range	ppm	*		Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Efficients
22. Theitum	N	2020*	6	No flange	ррь	0.5		Leaching from one processing sites, discharge from electronics, glass, and drug factories
Disinfection	n By-P	roducts						
82 TTHM [Total mhalometranes]	N	2021	207	No Range g	ob:	0	- 00 E	ly-product of dnnking water internation
Chlorine	N	2021	6	5-7	pm	0 M	DRL = 4 V	Valet add tive used to control
PWS ID #0	070024			TEST RESI	JLTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL	Unit Measure -mont	MCLG	MCL	Likely Source of Contamination
norganic (Contam	inants						
Arsenic	N	inants 2020	17	No Range	ррь	n/a	10	from orchands, runnell from place
Arsanic O Barium	H	2020*	0 338	No Range	ppb ppm	n/a		from orthards, runnil from glass and electronics produced waste. Discharge of drilling wastes, discharge from matal refineries:
Barlum Chromium	N	2020* 2020* 2020*	0.338	No Range		135	2	from or hands hand from glass and electronics produced waster. Oacharge of drilling wasters, discharge from metal refinedes: erosion of natural deposits Discharge from steel and pub
8 Arsanic 9 Barlum 3 Chromium 6 Copper	N N N	2020* 2020* 2020* 2018/20*	0.336	No Range No Range	ppm	100	100 AL=1 3	from or the form glass and electricity of the waste. Obacharge from metal refineries, around of natural deposits. Discharge from steel and pulp milts, arosion of natural deposits deposits.
8 Arsanic 0 Barlum 3 Chromium i Copper	N N	2020° 2020° 2020° 2018/20° 2018/20°	0.338 1.3 0	No Range No Range O No Range	ppm ppm	1000	1000 AL=1 3	non orbanis, nutell fine glaza and electrines production was and electrines production was considered to Dachings of divining waster, discharge from metal refinessis, arosson of natural deposits. Discharge from setel and puly mits, presson of natural deposits common for natural deposits of particular deposits in the production of the
Inorganic (8 Arsenic (9 Berlum () Chremium (4 Copper () Fluonde () Selenium	N N N	2020* 2020* 2020* 2018/20*	0.336	No Range No Range	ppm ppm	100	1000 AL=1 3	non orbanis, nutrit from glaza and electrines projection waste. Dachings of driling wastes, discharge from metal refinedes; droition of natural deposits. Discharge from steel and gulp mills, received in steel and gulp deposits. Deciding from wood deposits location from wood deposits location from wood seed of natural deposits, water and deposits location from wood deposits location from wood deposits location from wood deposits location from wood deposits location from from the deciding which promises among teeth, declaring from leading which declaring from leading with particular and alammum factorium.

Sodum -	1	2021	108	No Hange	FFF	36		Rand Lab Water Treatment Chamicals Water Schoners and
22 Thelium	N	2020*	9	No Range	999	0.	5	hites declarge from plactronics and doug inclores
	on By-	Produc	ts					
Disinfecti	on By-	Produc	164	No Range	peb	0	ės.	By Product of clinking water,

Sicki Parker and Cayce Conti were among the Saturday slate of